

Attorney Docket No. 01464/LH

**IN THE UNITED STATES PATENT  
AND TRADEMARK OFFICE**

Applicant(s): M. KURANO, ET AL

Serial No. :

Filed : HEREWITH

For : MICROACTUATOR DEVICE WITH  
A COUNTERMEASURE FOR  
PARTICLES ON A CUT FACE  
THEREOF

Art Unit :

Examiner :

**PRELIMINARY AMENDMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

S I R :

Prior to examination, please amend the above-identified  
application as follows:

**IN THE CLAIMS**

Please substitute amended claims 9 and 14; and add new  
claims 16 and 17, as follows:

9. (Amended). A microactuator device according to any one  
of claims 1 through 5, 7 or 8, wherein said microactuator device  
comprises a multilayer structure which includes a plurality of  
piezoelectric elements and a plurality of internal electrodes  
5 alternately laminated and which includes said cut face.

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*Sharon Portnoy*  
Sharon Portnoy

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14. (Amended) A disk recording apparatus comprising:

the head supporting arrangement according to any one of claims 10 through 12; and

a head supported by said support spring of said head

10 supporting arrangement to access a rotary disk, the microactuator device of said head supporting arrangement carrying out fine adjustment of a positional relationship of said head with respect to said disk.

Add new claims 16 and 17, as follows:

--16. (New) A microactuator device according to claim 6, wherein said microactuator device comprises a multilayer structure which includes a plurality of piezoelectric elements and a plurality of internal electrodes alternately laminated and which includes said cut face.

17. (New) A disk recording apparatus comprising:

the head supporting arrangement according to claim 13;  
and

a head supported by said support spring of said head

5 supporting arrangement to access a rotary disk, the microactuator device of said head supporting arrangement carrying out fine adjustment of a positional relationship of said head with respect to said disk.

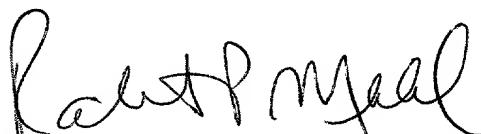
R E M A R K S

Prior to examination, it is respectfully requested that the above amendments be entered in the application. Claims 9 and 14 have been amended to eliminate improper multiple dependencies. In addition, minor grammatical amendments have been made to claims 9 and 14.

Claims 16 and 17 have been added to depend from claims 6 and 13, respectively. Claims 16 and 17 respectively correspond to claims 9 and 14.

If the Examiner has any comments, questions, objections or recommendations, the Examiner is invited to telephone the undersigned at the telephone number given below for prompt action.

Respectfully submitted,



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VERSION WITH MARKINGS TO SHOW CHANGES MADE

9. (Amended). A microactuator device according to any one of claims 1 through 5, 7 or 8, wherein said microactuator device [comprising] comprises a multilayer structure which includes a plurality of piezoelectric elements and a plurality of internal 5 electrodes [alternatively] alternately laminated and which [has] includes said cut face.

14. (Amended) A disk recording apparatus comprising:

the head supporting arrangement according to any one of claims 10 through [13] 12; and

5 a head supported by said support spring of said head supporting arrangement to access [to] a rotary disk, the microactuator device of said head supporting arrangement carrying out fine adjustment of a positional relationship of said head with respect to said disk.